

HATCHED AREA INDICATES CONCRETE REMOVAL AT DRAIN

REPLACEMENT AND ELIMINATION LOCATIONS.

-BITUMINOUS OVERLAY -EXISTING REINFORCEMENT EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION /-- BONDED CONSTRUCTION ---JOIN DRAIN REPLACEMENT DETAIL

(CONCRETE PLACEMENT DETAILS SIMILAR AT LOCATIONS OF DRAIN ELIMINATION)

* ELIMINATE EXISTING FLOOR DRAINS

REPLACE EXISTING FLOOR DRAINS 88.0 EACH (PER STRUCTURE)

32.0 EACH (PER STRUCTURE)

* COST TO BE INCLUDED IN PRICE PER SQUARE YARD FOR DECK SLAB REPAIR (FULL DEPTH)

SEE SHEETS 35 THRU 56 FOR DRAIN LOCATIONS.

ILLINOIS DEPARTMENT OF TRANSPORTATION

2 GIRDER SPANS FLOOR DRAIN DETAIL

STR #097-0003/0004 SCALE: VERT. DATE

CHECKED BY

TOTAL SHEETS

77

32

COUNTY

WHITE

ILLINOIS FED. AID PROJECT NO.

** D-7 BRIDGE DECK REPAIRS FY 2005

CONTRACT NO. 94861

SECTION

• FAI 64 (I-64)

FED. ROAD DIST. NO. 7





Surface of Original Concrete Deck

6" O.D. Aluminum Tube - alloy 6061-T6 or 6''¢ Fiberglass Pipe

TOP PLAN

(Showing Aluminum Tube)

Fiberglass pipe shall conform to ASTM D 2996, with short-time rupture strength

hoop tensile stress of 30,000 p.s.i. minimum.

TOP PLAN

 $\frac{l_{2}'' \phi}{R}$ x 8'' Fiberglass

slot 2'' × 8''
weld Alum. Bar
ASTM B 2!!
3'' 3'' alloy 6061-T6

FIBERGLASS

<u>PIPE</u>

ALUMINUM

TUBE

Note: